

# Eye-Safety

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## Eye-safety

1 joule pulse - 400 km height - 30° Nadir angle - 60 cm tel.

WAVELENGTH	355 nm	532 nm	1064 nm
Min div. - ANSI/unaided eye	2 $\mu$ rad	80 $\mu$ rad	25 $\mu$ rad
Min. div. - ATLID/150 mm telescope aid	50 $\mu$ rad	2000 $\mu$ rad	600 $\mu$ rad

Considering that nadir pointing of amateur telescope is not the usual condition, a relaxed requirement for aided vision could be considered: 60 mm diameter (compatible with usual binoculars)